

NEXT GEN



DESCRIPTION

The CBS ArcSafe® RRS-3 LK single-application remote racking system (RRS-3) is designed to operate the ABB/BBC/ITE LK air circuit breaker (ACB) with no modification to existing electrical equipment, thanks to CBS ArcSafe's magnetic latching system. This latest generation has been outfitted with the newly designed constant force spring assembly. The constant force spring assembly provides a "pull" force toward the face of the breaker to stay engaged with the racking mechanism during the racking process. CBS ArcSafe has also redesigned the interlock defeat tooling with fewer parts to help users make the racking process more efficient. In addition, CBS ArcSafe designed a tool that will maintain the trip button position during the racking operation and allow a charged breaker to be racked out. The lightweight, portable RRS-3 LK allows technicians to remotely install or remove the ABB/BBC/ITE LK ACB from a safe distance of up to 300 feet while remaining stationed outside the arc-flash boundary. Typical applications include positive protection and control of power circuits on low-voltage power distribution systems up to 630 V AC and 60 Hz. Designed, manufactured, and assembled in the United States, all RRS-3 units are portable, fast, and easy to set up; offer mechanical and/or electrical safety protection; are adjustable to fit unique electrical equipment configurations; reduce the requirements for personal protection equipment; and help customers with NFPA 70E arc-flash safety compliance. Optional features include 25-foot extension cables, a 24 V DC LED light, a wireless video camera system with an LCD monitor, and a rugged protective case assembly.

SPECIFICATIONS

WEIGHT:	16 lbs.
DIMENSIONS:	10"H x 11.7"W x 15"D
POWER CONSUMPTION:	100 W
OPERATING DISTANCE:	12–300 ft.
COMPATIBILITY:	ABB/BBC/ITE Type LK air circuit breakers (includes LK/LKD/LKE-8/16/20/25/32/40/42)
CONTROL/POWER SOURCE:	CBS ArcSafe® RSO-IV control console

OVERVIEW

- Remote operation from up to 300 feet away
- Lightweight and portable for hard-to-access areas
- Simple setup; no equipment modification required
- Reduces or eliminates need for arc-flash hazard suits
- Designed, manufactured, and assembled in the USA

